GOVERNMENT OF INDIA
MINES
LOK SABHA

UNSTARRED QUESTION NO:1237
ANSWERED ON:09.02.2017
Exploration of Base Metals
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Will the Minister of MINES be pleased to state:

(a) whether any aerial surveys has been conducted to find base metals like lead, zinc etc. in the country including Andhra Pradesh;
(b) if so, the details thereof along with the names of such metals found as a result of the same; and
(c) the future action plan of the Government to explore the same?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) FOR MINES, POWER, COAL AND NEW & RENEWABLE ENERGY (SHRI PIYUSH GOYAL)
(a) & (b): Yes. Geological Survey of India, an attached office of Ministry of Mines has conducted aerial surveys to find out base metals like lead, Zinc etc. in the country including Andhra Pradesh and the following potential areas for base-metal resources have been identified where subsequent ground exploration were carried out:

1) Kayar Lead-Zinc deposit, north of Ajmer, Rajasthan with an estimate resource of about 9.2 million tonnes.
2) Delineation of a 50 km long mineralized belt with several prospects of Lead-Zinc-Copper in the Dhedwas-Devpura area of Bhilwara district, Rajasthan with estimated resources of 14 million tonnes.
3) Massive Copper sulphides in Aladahalli, Hassan district, Karnataka with estimated resources of 3.3 million tonnes.
4) The Akola-Dariba Copper prospect, Chittorgarh district, Rajasthan with estimated resources of 4.5 million tonnes.
5) Lead-zinc at Gollapalle, Cuddapah district, Andhra Pradesh with estimated resources of 14 million tonnes.
6) Geological continuity of the Khetri copper belt in Rajasthan over a stretch of 30km with prospects of copper mineralization at Ajitgarh, Chinchroli, Karmari Ki Dhani, Banbas and Surahari.

(c): On identification of potential areas, GSI adopts multi-disciplinary approach for mineral exploration which includes large scale and detailed mapping aided by interpretative analysis of remotely sensed and aero geophysical data, ground geophysical survey, geochemical prospecting and subsurface exploration through pitting, trenching and followed by drilling. The resource evaluation is pursued in conformity with the exploration input for successive levels of G4, G3, G2 stages of United Nations Framework Classification.
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